IAPIO Rec'd PCT/PTO 20, DEC. 2005

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TRANSMITTAL LETTER TO THE UNITED STATES **DESIGNATED/ELECTED OFFICE (DO/EO/US)**

ATTORNEY'S DOCKET NUMBER 09931-00052-US

CONCERNING A SUBMISSI	ON UNDER 35 U.S.C. 371	10/561/39 is
INTERNATIONAL APPLICATION NO. PCT/EP2004/006832	INTERNATIONAL FILING DATE 24 June 2004	PRIORITY DATE CLAIMED 26 June 2003
TITLE OF INVENTION: NOVEL MATERI		
APPLICANT(S) FOR DO/EO/US: Esther E	Breuning et al.	
Applicant herewith submits to the United Sta	ates Designated/Elected Office (DO/EO/	US) the following items and other information:
1. X This is a FIRST submission of item	ns concerning a submission under 35 U.	S.C. 371.
2. This is a SECOND or SUBSEQUE	NT submission of items concerning a su	ubmission under 35 U.S.C. 371.
3. x This is an express request to begin include items (5), (6), (9) and (21)	n national examination procedures (35 Uindicated below.	J.S.C. 371(f)). The submission must
4. x The US has been elected (Article 3	31).	
5. x A copy of the International Applica	tion as filed (35 U.S.C. 371 (c)(2))	
a. x is attached hereto (required or	nly if not communicated by the Internation	nal Bureau).
b. has been communicated by th	e International Bureau.	
c. is not required, as the applicat	ion was filed in the United States Receiv	ving Office (RO/US).
6. x An English language translation of	the International Application as filed (35	5 U.S.C. 371(c)(2)).
a. x is attached hereto.		
b. has been previously submitted	i under 35 U.S.C. 154(d)(4).	
7. Amendments to the claims of the l	nternational Application under PCT Artic	de 19 (35 U.S.C. 371(c)(3))
a. are attached hereto (required	only if not communicated by the Internat	tional Bureau).
b. have been communicated by t	he International Bureau.	
c. have not been made; however	r, the time limit for making such amendm	nents has NOT expired.
d. have not been made and will r	not be made.	
8. An English language translation of	the amendments to the claims under Po	CT Article 19 (35 U.S.C. 371(c)(3)).
9. x An oath or declaration of the inven	tor(s) (35 U.S.C. 371(c)(4)).	
10. An English language translation of Article 36 (35 U.S.C. 371(c)(5)).	the annexes of the International Prelimi	nary Examination Report under PCT
Items 11 to 20 below concern docu	ment(s) or information included:	•
11. x An Information Disclosure Stater	ment under 37 CFR 1.97 and 1.98.	
12. An assignment document for record	rding. A separate cover sheet in complia	ance with 37 CFR 3.28 and 3.31 is included.
13. x A preliminary amendment.		
14. x An Application Data Sheet under	37 CFR 1.76.	
15. A substitute specification.		
16. A power of attorney and/or chang		
17. A computer-readable form of the	sequence listing in accordance with PC	CT Rule 13ter.2 and 37 CFR 1.821 – 1.825.
	nternational Application under 35 U.S.C	
19. A second copy of the English lang	guage translation of the international ap	oplication under 35 U.S.C. 154(d)(4).

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PTO-1390 (Rev. 07-2005)
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U.S. APPLICATION 19 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					ATTORNEY'S DOCKET NUMBER 09931-00052-US				
20. x Other items or information: Form PCT/ISA/210, Form PCT/RO/101 with Inventor Declaration attached, Forms PCT/IB/304 and 308, Postcard, Certificate of Express Mail									
The following fees have been submitted							-CALCULATIONS - PTO USEON		
21. x Basic national fee (37 CFR 1.492(a))					\$	300.0	0		
22. x Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 All other situations \$200						\$	200.0	00	
23. x Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)\$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority						\$ 400.00			
	TOTAL OF 21, 22	2 and 23 =				\$	900.0	00	
Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.									
Total Sheets	Extra Sheets		Number of each additional 50 or fraction thereof (round up to a whole number)						
52 -100=	/50 =				x \$250.00	\$			
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).					\$				
CLAIMS	NUN	MBER FILED	NUMBER EXTRA	<u> </u>	RATE				
Total clain	ns 3	3 - 20 =	13	×	50.00		650.0	0	
Independent of	claims	1 - 3 =		x			0.0	00	
MULTIPLE DEP	ENDENT CLAIM(S	i) (if applicable)		+				_	
TOTAL OF ABOVE CALCULATIONS = \$ 1,5						1,550.0	00		
Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.									
					SUBTOTAL =	\$	1,550.0	00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).					\$				
TOTAL NATIONAL FEE						\$ 1,550.00			
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +									
TOTAL FEES ENCLOSED =					\$		1	,550.00	
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10/561739 IAP9 Rec'd PCT/PTO 20 DEC 2005

PTO-1390 (Rev. 07-2005)

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a. A check in the amount of \$ to cover the above	s foos is analogad					
b. X Please charge my Deposit Account No. 03-2775 in the amount of \$ 1,550.00 to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. X The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 03-2775 . A duplicate copy of this sheet is enclosed.						
d. Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card Information should not be Included on this form. Provide credit card information and authorization on PTO-2038						
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed an granted to restore the international Application to pending status.						
SEND ALL CORRESPONDENCE TO:	SIGNATURE Day MI					
	99					
-	Ashley I. Pezzner NAME					
CUSTOMER NUMBER: 23416						
-	35,646 REGISTRATION NUMBER					
•						

PTO/SB/17 (12-04v2)
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Effective on 12/08/2004.				Complete if Known Application Number Not Yet Assigned							
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).											
FEE TRANSMITTAL				Filing Date First Named In		Concurrently Herewith Esther Breuning					
For FY 2005				Examiner Name		Not Yet Assigned					
Applican	t elaime amall antity stat	us Cop 27 CER 1 1	7			N/A	100				
	t claims small entity star	,		Art Unit	-		10				
TOTAL AMOU	NT OF PAYMENT	(\$) 1,550.	00	Attorney Docket	t No.	09931-00052-0	05				
-METHOD-OF	PAYMENT-(check	all-that-apply)									
Check Credit Card Money Order None Other (please identify):											
X Deposit Ac	count Deposit Account	Number: 03-2775	Deposit Acc	ount Name:	Connolly	y Bove Lodge	& Hutz LL	P			
For the	above-identified dep	osit account, the [Director is	hereby authoriz	ed to: (ched	ck all that apply)					
x Ct	narge fee(s) indicate	d below		Charg	ge fee(s) inc	dicated below, ex	cept for the	ne filing fee			
	narge any additional e(s) under 37 CFR 1		yment of	x Credit	any overpa	ayments					
FEE CALCUL	<u></u>										
1. BASIC FILIN	G, SEARCH, AND E	XAMINATION FE	ES .				· · · · · · · · · · · · · · · · · · ·				
	•	LING FEES		ARCH FEES	_	NATION FEES					
Application Ty	pe Fee (\$	Small Entity Fee (\$)	Fee (\$	Small Entity) Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fees F	Paid (\$)			
Utility	300	150	400	250	200	100		0.00			
Design	200	100	100	50	130	65					
Plant	200	100	300	150	160	80					
Reissue	300	150	500	250	600	300					
Provisional	200	100	0	0	0	0					
2. EXCESS CLA	NIM FEES							Small Entity			
Fee Description							Fee (\$)	Fee (\$)			
l .	20 (including Reiss						50	25			
	nt claim over 3 (incl	uding Keissues)					200 360	100 180			
Multiple depend		Fac (#)	East	Daid (\$)	M	ultiple Depende					
Total Claims 33	Extra Claims - 20 = 13	<u>Fee (\$)</u> x 50.00 =		Paid (\$) 0.00			ee Paid (\$				
	- 20 =13	x <u>50.00</u>		0.00	<u>; e</u>	10 (4)	cc i dia j	4			
Indep. Claims	Extra Claims	Fee (\$)	Fee	Paid (\$)		- ·	-				
		× = _									
3. APPLICATIO		1100 1	•		. 11 6	1 1	-				
If the specifica	tion and drawings e er 37 CFR 1.52(e)),	the application si	ot paper ze fee di	(excluding elect	ronically fi for small e	iea sequence or ntity) for each a	computer dditional 5	0			
sheets or fra	action thereof. See 3	35 U.S.C. 41(a)(1)(G) and	37 CFR 1.16(s).		inity) to: outline	uu				
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$)											
52 - 100 = /50 (round up to a whole number) x =											
4. OTHER FEE(S) Fees Paid (\$)											
Non-English Specification, \$130 fee (no small entity discount)											
Other (e.g., late filing surcharge): 1631 Basic National Stage fee 300.00 1633 National Stage Examination Fee - all other 200.00											
1632 National Stage Search Fee - all other situations 400.00											
1615 National Stage claims - extra total (over twenty) 650.00											
SUBMITTED BY O O D											
Signature	lester	1 Jenn	M = -	Registration No. (Attorney/Agent)	35,646	Telephone	(302) 65	8-9141			
Name (Print/Type)	Ashley I. Pezzne	~ 80				Date 12	20/05	/			

IAP9 Rec'd PCT/PTO 20 DEC 2009

Application No. (if known): Not Yet Assigned

Attorney Docket No.: 09931-00052-US

Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EV686922204US in an envelope addressed to:

MS PCT Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

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Note:

Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Transmittal Letter to the United States Designated-Elected Office

Fee Transmittal Application Data Sheet

Copy of the International application with search report attached

Form PCT/ISA/210 (in English)

Form PCT/RO/101 with Inventor Declaration attached

Forms PCT/IB/304 and 308

English language translation of the International application

Preliminary Amendment

Information Disclosure Statement, SB08, with references

Postcard

Authorization to charge \$1,550.00 to deposit account 03-2775